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WMAP Cosmological Parameters

Model:  $\text{lcdm+iso+corr}$ 

Data: wmap9+snls3+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.353^{+0.082}_{-0.083}$	$H_0$	$69.95 \pm 0.86 \text{ km/s/Mpc}$
$\alpha_{-1}$	$< 0.0042$ (95% CL)	$\ell(\ell + 1)C_{220}/(2\pi)$	$5743 \pm 33 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14135 \pm 93 \text{ Mpc}$	$d_A(z_*)$	$13968^{+93}_{-94} \text{ Mpc}$
$D_v(z = 0.57)/r_s(z_d)$	$13.31^{+0.11}_{-0.12}$	$\eta$	$(6.20 \pm 0.12) \times 10^{-10}$
$k_{\text{eq}}$	$0.01007^{+0.00017}_{-0.00018}$	$\ell_{\text{eq}}$	$140.6 \pm 1.6$
$\ell_*$	$301.95 \pm 0.63$	$n_b$	$(2.547 \pm 0.048) \times 10^{-7} \text{ cm}^{-3}$
$n_s$	$0.979 \pm 0.011$	$\Omega_b$	$0.04637 \pm 0.00100$
$\Omega_b h^2$	$0.02268 \pm 0.00043$	$\Omega_c$	$0.2357^{+0.0086}_{-0.0087}$
$\Omega_c h^2$	$0.1152 \pm 0.0023$	$\Omega_\Lambda$	$0.7179^{+0.0096}_{-0.0095}$
$\Omega_m$	$0.2821^{+0.0095}_{-0.0096}$	$\Omega_m h^2$	$0.1379 \pm 0.0024$
$r_s(z_d)$	$151.78^{+0.91}_{-0.90} \text{ Mpc}$	$r_s(z_d)/D_v(z = 0.106)$	$0.3447^{+0.0044}_{-0.0043}$
$r_s(z_d)/D_v(z = 0.2)$	$0.1882 \pm 0.0022$	$r_s(z_d)/D_v(z = 0.35)$	$0.1131 \pm 0.0012$
$r_s(z_d)/D_v(z = 0.44)$	$0.09289^{+0.00090}_{-0.00089}$	$r_s(z_d)/D_v(z = 0.54)$	$0.07846^{+0.00070}_{-0.00069}$
$r_s(z_d)/D_v(z = 0.57)$	$0.07515 \pm 0.00065$	$r_s(z_d)/D_v(z = 0.6)$	$0.07218^{+0.00061}_{-0.00060}$
$r_s(z_d)/D_v(z = 0.73)$	$0.06222 \pm 0.00047$	$r_s(z_*)$	$145.33^{+0.75}_{-0.74}$
$R$	$1.7302 \pm 0.0059$	$\sigma_8$	$0.831^{+0.019}_{-0.018}$
$\sigma_8 \Omega_m^{0.5}$	$0.442 \pm 0.014$	$\sigma_8 \Omega_m^{0.6}$	$0.389 \pm 0.014$
$\alpha_{\text{SNLS}}$	$1.43^{+0.10}_{-0.11}$	$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$
$A_{\text{SZ}}$	$< 2.0$ (95% CL)	$t_0$	$13.707 \pm 0.088 \text{ Gyr}$
$\tau$	$0.085 \pm 0.013$	$\theta_*$	$0.010405 \pm 0.000022$
$\theta_*$	$0.5961 \pm 0.0012^\circ$	$\tau_{\text{rec}}$	$283.1^{+1.3}_{-1.2}$
$t_{\text{reion}}$	$469 \pm 68 \text{ Myr}$	$t_*$	$374992^{+2072}_{-2053} \text{ yr}$
$z_d$	$1021.0^{+1.0}_{-1.1}$	$z_{\text{eq}}$	$3301^{+57}_{-58}$
$z_{\text{rec}}$	$1088.21 \pm 0.62$	$z_{\text{reion}}$	$10.3 \pm 1.1$
$z_*$	$1091.03^{+0.55}_{-0.54}$		

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